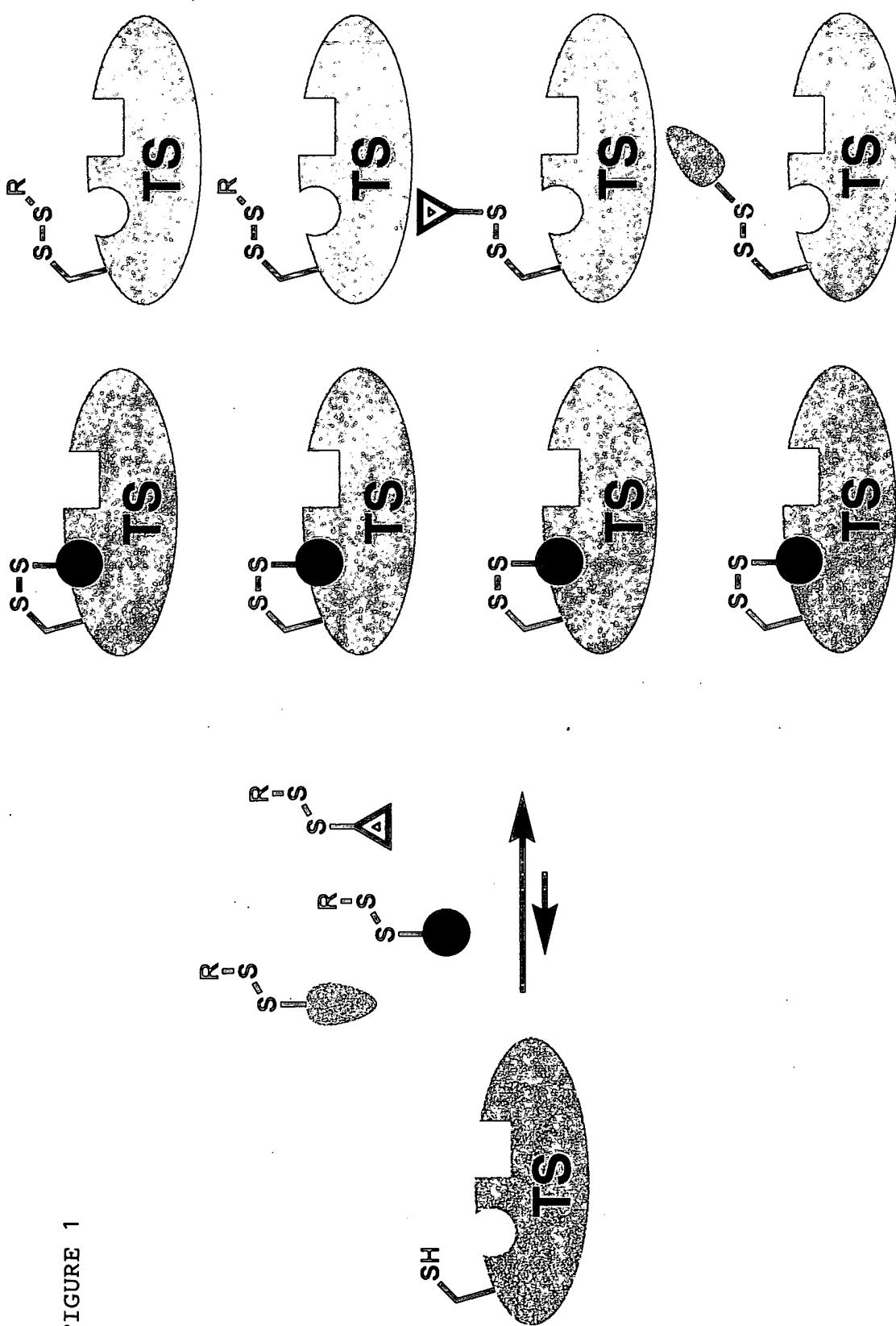


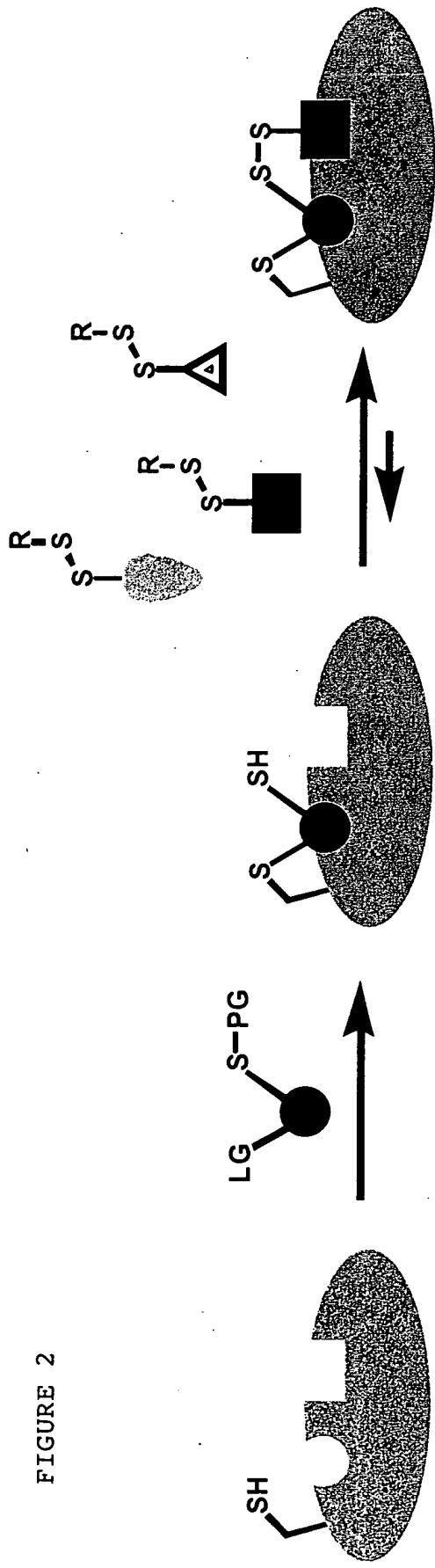
Direct analysis of screening reactions by mass-spectroscopy:

FIGURE 1



Extended tethering:

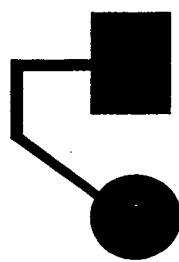
FIGURE 2



Introduce cysteine residue

Introduce thiol-containing extender

Screen against library of disulfide-containing monophores



Derived Diaphore

“Dynamic” Extended Tethering Strategy

FIGURE 3

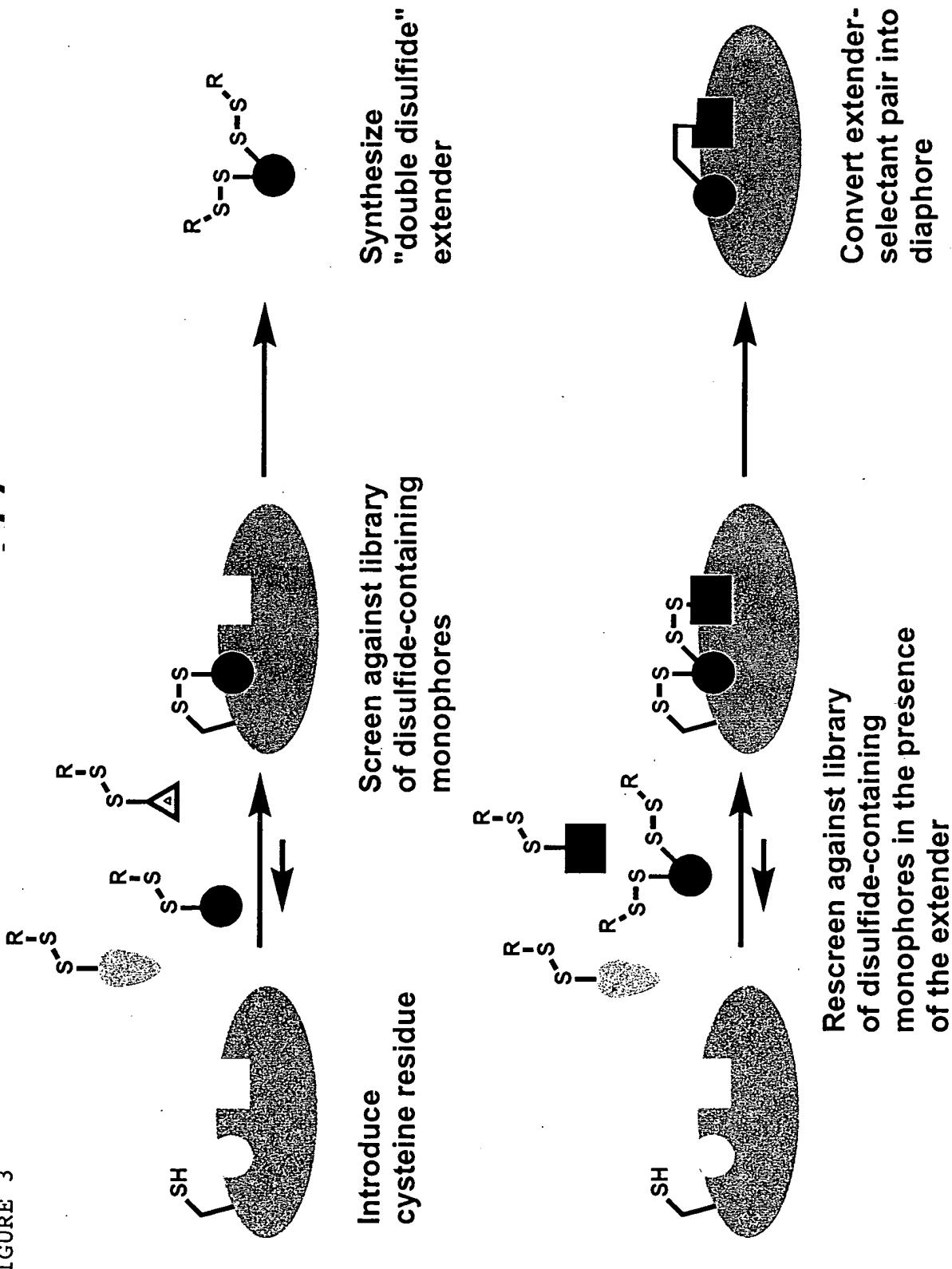
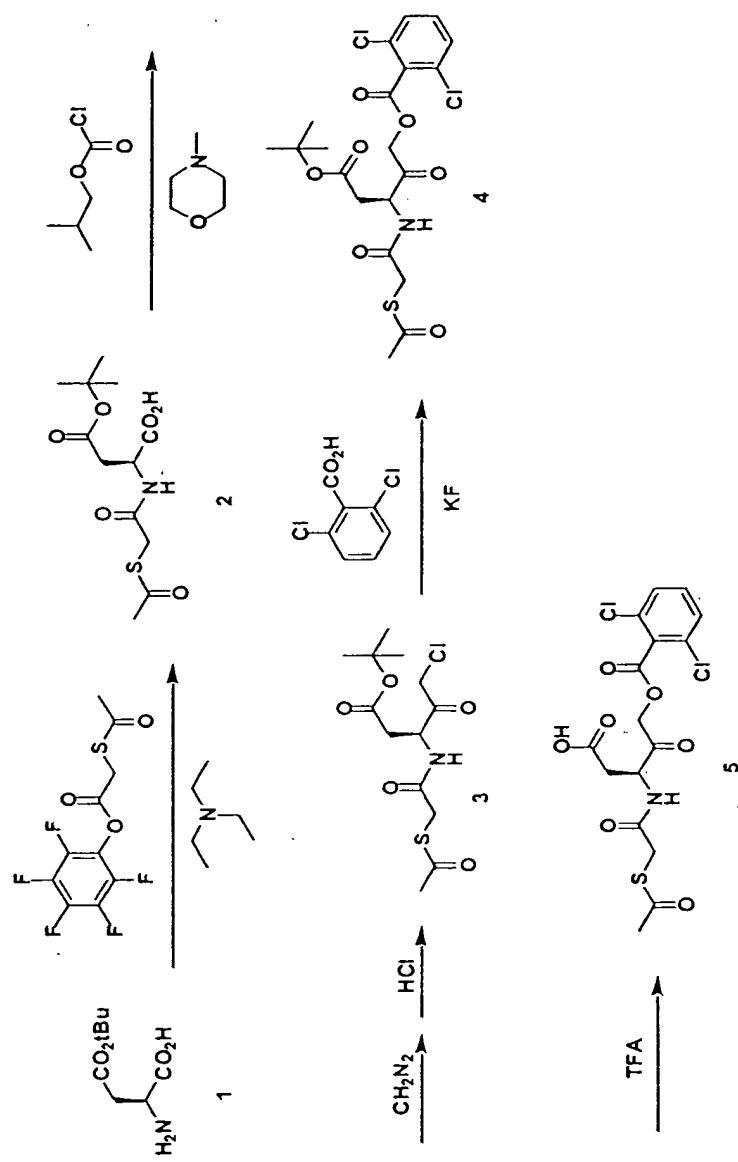


FIGURE 4



A caspase-specific extender:

FIGURE 5

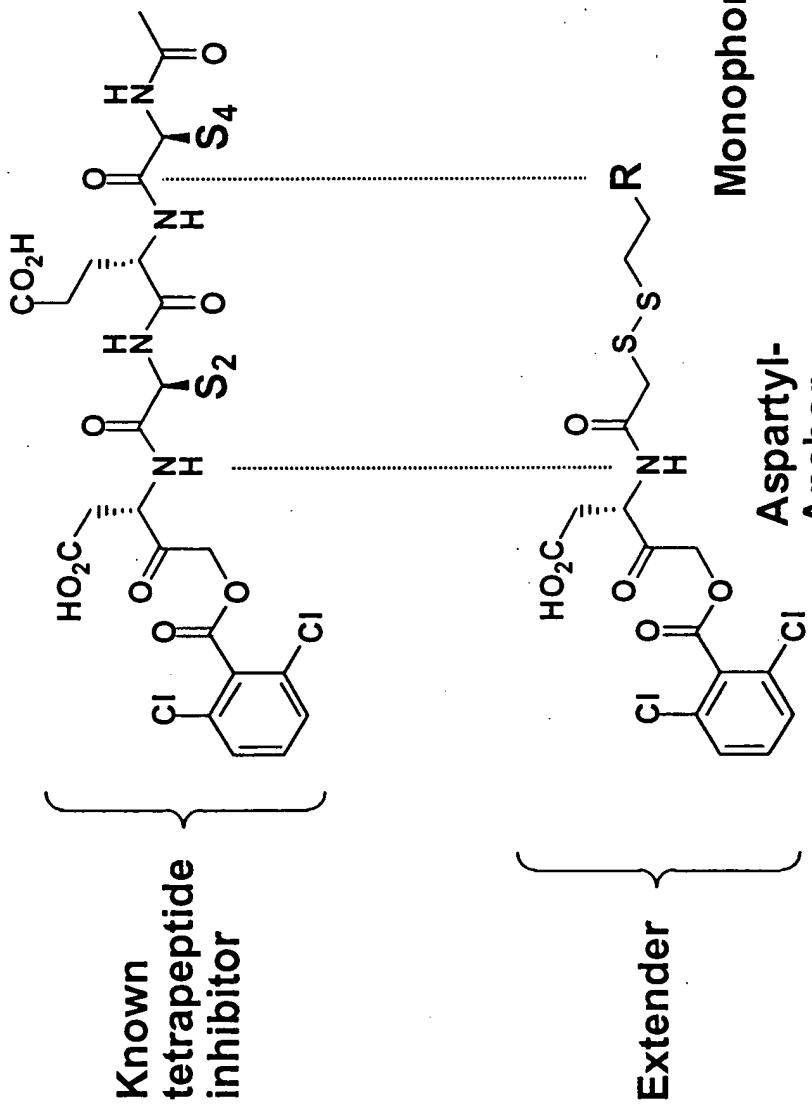
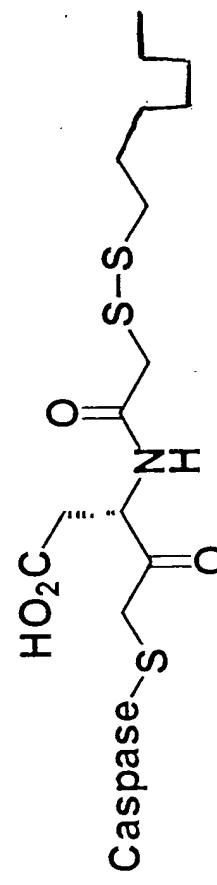
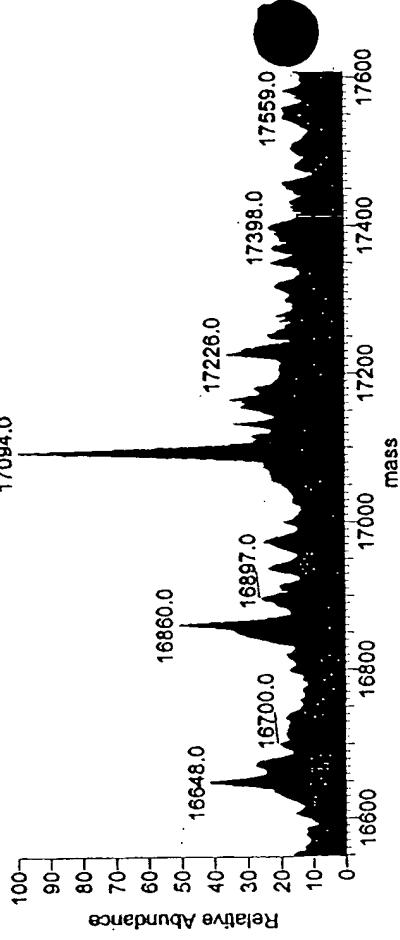
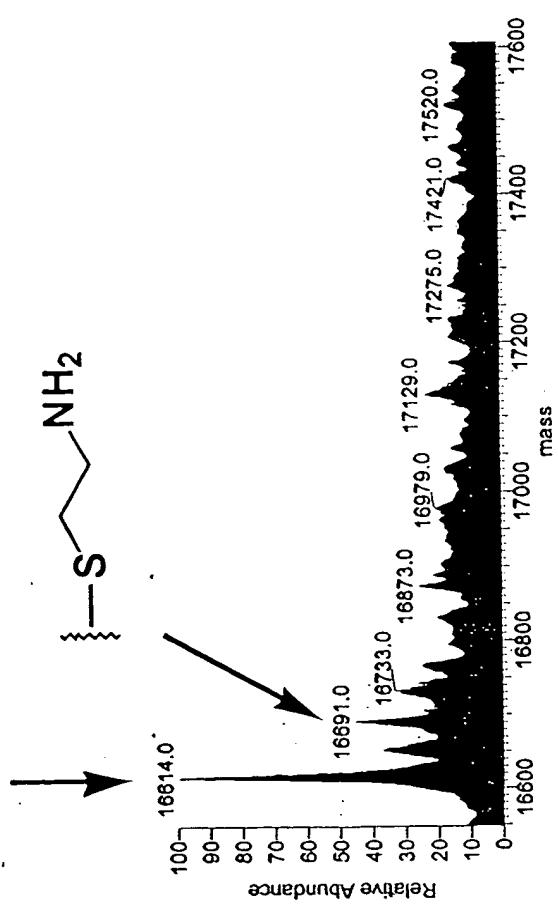


FIGURE 4



Unmodified



Unmodified Caspase 3

"Extended" Caspase 3